

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-10. (canceled)

11. (currently amended) An acetabular implant for hip prosthesis, said implant comprising:

an insert ~~(2)~~ having a spherical internal cavity ~~(2a)~~,
and

a hemispherical kernel ~~(4)~~ having an internal spherical cavity ~~(4a)~~ adapted to cooperate with a femoral head ~~(T)~~ for universal movement of the femoral head within said internal spherical cavity of said hemispherical kernel,

wherein said hemispherical kernel ~~(4)~~ having has
universal movement within said insert ~~(2)~~, ~~wherein the and said~~
hemispherical kernel ~~(4)~~ is a figure of rotation about an axis,

said axis intersecting said hemispherical kernel at a central region of said hemispherical kernel which is thinner than a peripheral region of said hemispherical kernel, the thickness of said hemispherical kernel increasing progressively from said central region toward said peripheral region.

12. (currently amended) The acetabular implant as claimed in claim 11, ~~and further comprising a~~ hemispherical cup ~~(1)~~ adapted to be fixed to the bottom of an acetabular cavity of an iliac bone, said hemispherical cup ~~(1)~~ receiving said insert ~~(2)~~ for rotation of said insert relative to said cup about an axis about which said insert is symmetrical.

13. (canceled)

14. (currently amended) The acetabular implant according to claim 11, wherein the center ~~(01)~~ of said spherical internal cavity ~~(2a)~~ of said insert ~~(2)~~ ~~for universal movement of hemispherical kernel (4) within said insert (2)~~ is spaced from the center ~~(02)~~ of said internal spherical cavity ~~(4a)~~ of said hemispherical kernel ~~(4)~~.

15. (canceled)

16. (new) The acetabular implant as claimed in claim 11, wherein the thickness of said hemispherical kernel increases progressively from said central region up to an opening of said internal spherical cavity.